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**FACSIMILE SUBMISSION UNDER 37 CFR 1.8**

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TO:	Mail Stop Amendments	FROM:	Kelly Patrick Fitzgerald
COMPANY:	USPTO	DATE:	OCTOBER 6, 2006
FAX NUMBER:	571-273-8300	TOTAL NO. OF PAGES INCLUDING COVER:	9
PHONE NUMBER:		SENDER'S REFERENCE NUMBER:	1014-013US01/JNP-0082
RE:	Response to OA dated July 7, 2006	APPLICATION SERIAL NUMBER:	10/045,717

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PATENTIN THE UNITED STATES PATENT AND TRADEMARK OFFICERECEIVED  
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Applicant: Kireeti Kompella Confirmation No. 9695  
Serial No.: 10/045,717  
Filed: October 19, 2001 Customer No.: 28863  
Examiner: Peling Andy Shaw  
Group Art Unit: 2144  
Docket No.: 1014-013US01/JNP-0082  
Title: NETWORK ROUTING USING INDIRECT NEXT HOP DATA

CERTIFICATE UNDER 37 CFR 1.8 I hereby certify that this correspondence is being transmitted via facsimile to the United States Patent and Trademark Office on October 6, 2006.

By: Caryl Harriman  
Name: Caryl Harriman

Mail Stop Amendment  
Commissioner for Patents  
Alexandria, VA 22313-1450

Sir:

We are transmitting herewith the attached correspondence relating to this application:

- ☒ Transmittal sheet containing Certificate of Mailing  
☒ Response (7 pgs.)  
☒ No additional fee is required

Please apply any charges not covered, or any credits, to Deposit Account No. 50-1778.

Date:  
October 6, 2006

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By: Kelly Patrick Fitzgerald  
Name: Kelly Patrick Fitzgerald  
Reg. No.: 46,326

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**RESPONSE**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action mailed July 7, 2006, the period of response for which runs through October 7, 2006, Applicant submits the following:

**Remarks/Arguments**, which begin on page 2 of this paper.